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eFiled Application Information

EFS ID	1461028
Application Number	11347945
Confirmation Number	4555
Title	Net structure and method of making
First Named Inventor	Jayshree Seth
Customer Number or Correspondence Address	32692
Filed By	William James Bond/Irina Hass
Attorney Docket Number	58313US017
Filing Date	06-FEB-2006
Receipt Date	24-JAN-2007
Application Type	Utility

COPY

Application Details

Submitted Files	Page Count	Document Description	File Size	Warnings
trm.pdf	1	Fee Worksheet (PTO-06)	269482 bytes	◆ PASS
PAM.pdf	5		855059 bytes	◆ PASS
		Document Description	Page Start	Page End
		Preliminary Amendment	1	1
		Claims	2	4
		Applicant Arguments/Remarks Made in an Amendment	5	5
fee-info.pdf	2	Fee Worksheet (PTO-06)	8136 bytes	◆ PASS

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National Stage of an International Application under 35 U.S.C. 371

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Electronic Patent Application Fee Transmittal

Application Number:	11347945			
Filing Date:	06-Feb-2006			
Title of Invention:	Net structure and method of making			
First Named Inventor/Applicant Name:	Jayshree Seth			
Filer:	William James Bond/Irina Hass			
Attorney Docket Number:	58313US017			
Filed as Large Entity				
Utility Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	1202	5	50	250
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				250

32692

Customer Number

Patent
Case No.: 58313US017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: SETH, JAYSHREE

Application No.: 11/347945

Confirmation No.: 4565

Filed: February 6, 2006

Title: NET STRUCTURE AND METHOD OF MAKING

AMENDMENT TRANSMITTAL LETTERMail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]**

I hereby certify that this correspondence is being:

- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450;
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Date

Signed by: Juma Haas

Attached is an amendment in the above-identified application. The fee for this amendment is computed as follows:

Claims As Amended						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest No. Previously Paid For		(5) Present Extra	(6) Rate
Total Claims		Minus	**	7	5	x \$50.00
Independent Claims		Minus	***	1	0	x \$200.00
Additional fee for filing one or more multiple dependent claims, if no such fee has been previously paid						\$360.00
Total Additional Fee For This Amendment						\$250.00
** If the "Highest No. Previously Paid For" in this space would be less than 20, write "20" in this space.						
*** If the "Highest No. previously Paid For" in this space would be less than 3, write "3" in this space						

- ☐ Please charge the fee provided in 37 CFR §§ 1.16 and 1.17 to Deposit Account No. 13-3723. One copy of this sheet marked duplicate is also enclosed.
- ☒ Any required fee will be paid at the time of EFS-Web submission.
- ☒ If necessary, charge any additional fee, or credit any overpayment to Deposit Account No. 13-3723.

Respectfully submitted,

January 24, 2007
Date

By:

William J. Bond, Reg. No.: 32,400
Telephone No.: 651-736-4790Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833

32692

Customer Number

Patent
Case No.: 58313US017

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: SETH, JAYSHREE

Application No.: 11/347945

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Title: NET STRUCTURE AND METHOD OF MAKING

PRELIMINARY AMENDMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR § 1.8(a)]	
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<input type="checkbox"/>	transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300.
January 24, 2007	<i>I. Hass</i>
Date	Signed by: Irina Hass

Dear Sir:

Please enter the following preliminary amendment in the above-referenced application.

It is believed that no fee is due; however, in the event fees are required please charge the fees to Deposit Account No. 13-3723.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 -- 7 (Canceled)

8. (New) A polymer netting comprising a first set of a plurality of strands extending in a first direction formed of at least a first layer of thermoplastic resin and having a first face and a second face and two side faces, a second set of strands formed at least of a second layer of thermoplastic resin, said second set of strands attached only to said first face of said first set of strands.

9. (New) A polymer netting of claim 8 wherein the first and/or second set of strands are elastic.

10. (New) A polymer netting of claim 9 wherein the netting is an open netting.

11. (New) A polymer netting of claim 10 wherein at least one of the first or second set of strands are oriented and formed of an inelastic thermoplastic resin.

12. (New) The polymer netting of claim 8 wherein said second set of strands are mutually parallel and have a first face and a second face and two substantially parallel side faces and are substantially coextensive and attached only to said first face of said first set of strands.

13. (New) The polymer netting of claim 8 wherein said second set of strands second faces are attached to said first set of oriented strands at their crossover points.

14. (New) The polymer netting of claim 13 wherein said first set of strands occupy a first planar cross-sectional area in the thickness direction of the netting and said second set of oriented strands occupy a second planar cross-sectional area in the thickness direction of the netting.

55. (New) The polymer netting of claim 14 wherein said first and second planar cross-sectional areas are substantially mutually exclusive and abutting.

16. (New) The polymer netting of claim 8 wherein said second set of strands have a substantially rectilinear cross-section.

17. (New) The polymer netting of claim 8 wherein said second set of strands are linear.

18. (New) The polymer netting of claim 8 wherein adjacent strands of said second set of strands have a substantially identical cross-sectional shape in said first direction.

19. (New) The polymer netting of claim 12 wherein said second set of strands have surface structures on said first faces of the strands.

20. (New) The polymer netting of claim 19 wherein said surface structures are stems extending upward.

21. (New) The polymer netting of claim 20 wherein said stem structures have hook elements projecting in at least one direction.

22. (New) The polymer netting of claim 21 wherein said hook elements extend in the direction of the second set of strands.

23. (New) The polymer netting of claim 21 wherein said hook elements extend in two or more directions and form a mushroom.

24. (New) The polymer netting of claim 8 wherein said first set of strands have surface structures on said second face of said strands.

25. (New) The polymer netting of claim 24 wherein said surface structures are stems extending upward.

26. (New) The polymer netting of claim 25 wherein said stem structures have hook elements projecting in at least one direction.

27. (New) The polymer netting of claim 26 wherein said hook elements extend in a direction perpendicular to said first direction.

28. (New) The polymer netting of claim 8 wherein said first and second set of strands are integrally formed.

29. (New) The polymer netting of claim 9 wherein said first set of strands are elastic and extend in the longitudinal direction and the second set of strands are inelastic and extend in the cross direction.

30. (New) The polymer netting of claim 29 wherein said netting is substantially closed when not under tension and opens when placed under longitudinal tension.

31. (New) The polymer netting of claim 9 wherein said first set of strands are inelastic and extend in the longitudinal direction and the second set of strands are elastic and extend in the cross direction.

32. (New) The polymer netting of claim 31 wherein the first set of stands are oriented and the netting is an open netting.

REMARKS

Examination and consideration of the application as amended is requested and allowance of claims 8 - 32, as amended, at an early date is solicited.

Respectfully submitted,

January 24, 2007
Date

By: 

William J. Bond, Reg. No.: 32,400

Telephone No.: 651-736-4790

Office of Intellectual Property Counsel
3M Innovative Properties Company
Facsimile No.: 651-736-3833